

25kDa. The 20kDa fragment has the consensus sequence SEQ ID NO: 1 (Figure 5).

Publications disclosing these sequences, as well as their chemical and physical properties, include Hall et al., (1995) *Nature* 378, 212-216; Ekker et al., *Current Biology* 5, 944-955; Fan et al., (1995) *Cell* 81, 457-465; Chang et al., (1994) *Development* 120, 3339-3353; Echelard et al., (1993) *Cell* 75, 1414-1430; and PCT application WO 9523223 (Jessell, Dodd, Roelink and Edlund).

- On Page 4, please replace lines 11-12 with the following text:

Figure 5 (SEQ ID NO: 1) is the consensus amino acid sequence of the N-terminal domain of vertebrate hedgehog protein.

*The replacement paragraphs presented above incorporate changes as indicated by the marked-up versions below.*

To date, the combined screening of mouse genomic and cDNA libraries has identified three mammalian hh counterparts referred to as Desert hedgehog (*Dhh*), Sonic hedgehog (*Shh*) and Indian hedgehog (*Ihh*), which also exist in other mammals as well as in fish and birds. Other members include Moonrat hedgehog (*Mhh*), as well as chicken Sonic hh and zebrafish Sonic hh. Mouse and chicken *Shh* and mouse *Ihh* genes encode glycoproteins which undergo cleavage, yielding an amino terminal fragment of about 20kDa and a carboxy terminal fragment of about 25kDa. The 20kDa fragment has the consensus sequence SEQ ID NO: 1 (Figure 65).

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